

Anti-Condensation Heater

Forced ventilation

PTC self-regulating thermistors (Positive Temperature Coefficient)

R8

MODEL

R8

APPLICATION

- Cabinets for Electrical Distribution
- Cabinets for Industrial Automation
- Electronic Panels

FEATURES

- High thermal capacity and compact size
- Supply voltage 230 VAC
- Din-rail Mounting

DESCRIPTION

Anti-condensation heater **avoids condensation** inside the electrical cabinets by maintaining the temperature above the dew point.

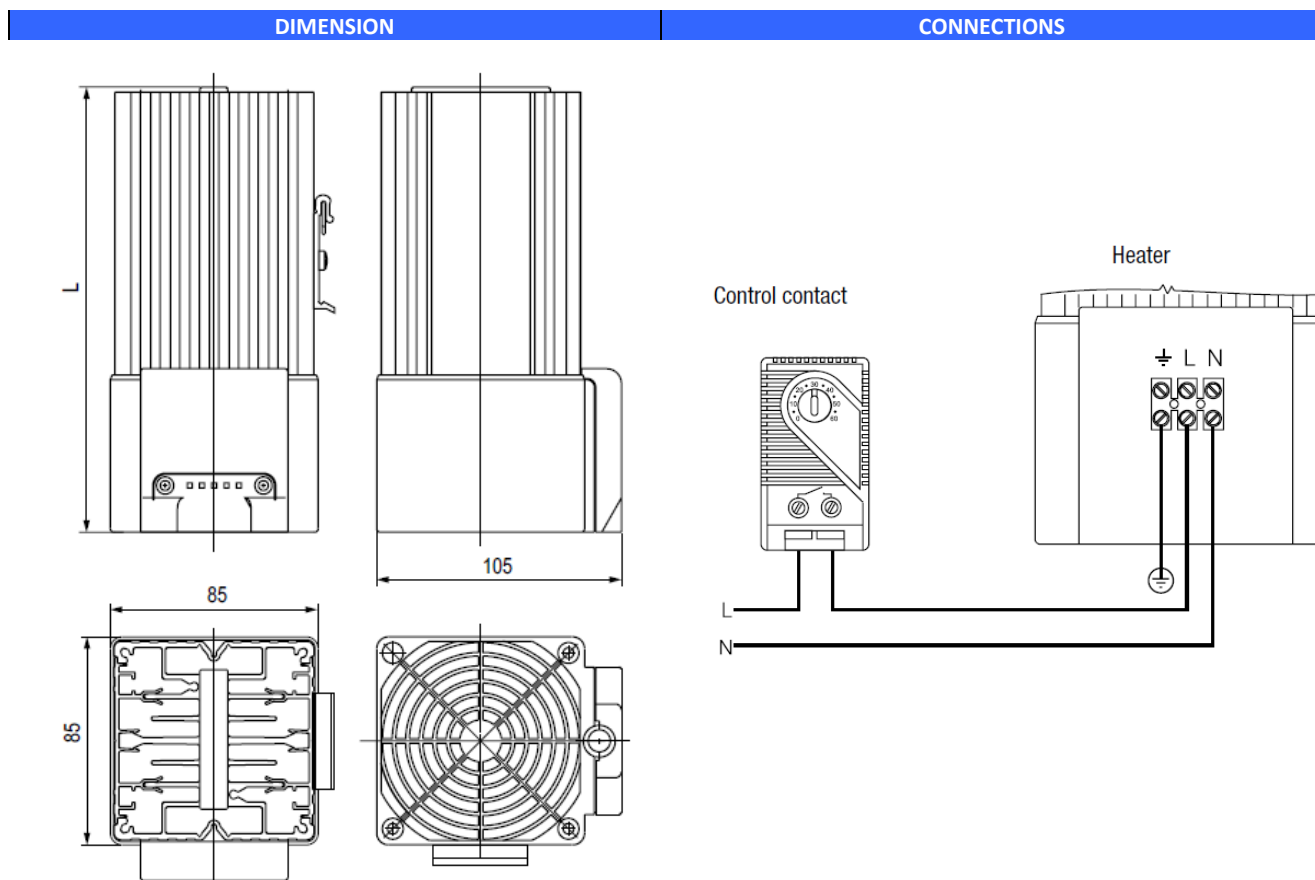
Anti-condensation heaters with PTC are self-regulating therefore avoid excessive temperature inside the electrical panel.

The thermal protection fuse can safely operate with input voltages of 230 V.

The dimensions are compact thanks to the integrated ventilation system.



	TECHNICAL SPECIFICATIONS	UNIT	VALUE
1.	RESISTIVE ELEMENT	--	PTC Resistor
2.	NOMINAL VOLTAGE	Vac	230
3.	RANGE OPERATIVE VOLTAGE	Vac	230
4.	NOMINAL POWER 230VAC	W	See Table
5.	FREQUENCY	Hz	50-60
6.	OPERATING/STORAGE TEMPERATURE	°C	-45 + 70
7.	AXIAL FAN, BALL BEARING		Airflow, free flow 45m³/h (50Hz) or 54m³/h (60Hz) service life 50,000h at +25°C (+77°F)
8.	CONNECTION	mmq	Internal connection terminal 1.5mm² with strain relief
9.	DEGREE OF PROTECTION IEC 60529	IP	IP 20
10.	VOLTAGE CLASS EN 60335-1	--	I
11.	INSULATING VOLTAGE (1min. 50 Hz)	Vac	2500VAC
12.	FITTING POSITION		vertical airflow (air outlet up)
13.	PRODUCT STANDARD	--	EN 60335-1
14.	HEATSINK	--	Aluminium extruded anodized radiator
15.	MOUNTING according to EN 60715	--	DIN-RAIL 35mm
16.	WEIGHT	Kg	See table
17.	MARKING	--	CE
18.	CONNECTORS	--	Terminal-Blocks



CODE	DESCRIPTION	NOMINAL POWER [W]*	VOLTAGE [Vac]	DIM L / A/S [mm]	WEIGHT [Kg]
R8150230	ANTI-CONDENSATION FAN HEATER R8 SCREW-CONNECTOR	150	230	85X105X182	1,1
R8250230	ANTI-CONDENSATION FAN HEATER R8 SCREW-CONNECTOR	250	230	85X105X182	1,1
R8500110	ANTI-CONDENSATION FAN HEATER R8 SCREW-CONNECTOR	500	110	85X105X222	1,4
R8500230	ANTI-CONDENSATION FAN HEATER R8 SCREW-CONNECTOR	500	230	85X105X222	1,4

* The power value is indicative and depends on the operating temperature due to the non-linear behaviour of PTC technology.